### Attorney Docket No.

## JOINT DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that:

Our residences, post offices addresses and citizentally are as stated below next to der names;

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is TOUGHT ON THE INVENTION ENTITIES HEMENITYES/REVEDIES FOR INFECTION, AND ENGLISH VACCINE ADJUVANUS AND GROWH HOMOTERS, the specification of which

() is attached hereto

as Appheation Senat Number

amendad on

of applicable)

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any an endment reterred to in this declaration.

We acknowledge the duty to disclose \$11 information known to we to be instanted to the parentability of the application, we defined in 37 C F.R & 1.50

We acknowledge the duty to disclose to the Cities an information known to us to be material to parantability as defined in § 1.56. which became available between the filing data of the prior application and the national or PCT international filing date of the continuetion-וח-ףפת מסטווכפנוסה.

#### Prior Foreign Application(s)

We nareoy claim foreign priority benefits under Tiste 35, United States Code, \$ 119 of any foreign application(s) for patient or inventor's certificate listed below and have also identified below any toroign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed

dete before that of the app	lication of which brights in			
	Application Number	Date of Filing (day, month, year)	Date of issue (day, month, year)	Priority Claimed Under 35 U.S.C. 119
1				Yes M No 🗆
Japan	10-301745	09.10.1998		Yes 🕅 No 🗆
Japan	11-35047	12.02.1999		

#### Prior United States Provisional Application(s)

Linerably claim the bunefit under Title 35, United States Code, \$ 119(e) of any United States provisional application(s) listed below

	Histoph graite the southern might have	
_	to Manh be	Date of Filing
	Application Serial Number	(day, month, year)
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#### Prior United States Application(s)

We havely claim the benefit under Title 35. United States Code, § 120 of any United States application(s) listed below and, insolat as the subject matter of each of the teams of this application is not disclosed in the prior United States application in the manner provided by the that paragraph of Title 35. United States Code, \$ 112, we econowisage the duty to disclose material information as defined in Little 37. Code of Federal Regulations, \$ 1.58(2) which occurred between the filing date of the phot application and the national or PCT international filing date of this applicate an

		The stand
Application Serial Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abendoned

And we hereby appoint, both jointly and severally, as our atterneys with full power of substitution and revocation, to prosecute this application dual to transact all business in the Patent and Tradamark Office connected herewith the following attorneys, their registration numbers being listed after their narious:

Thomas J. Scott, Jr., Registration No. 27,835, Stanislaus Akaman, Registration No. 28.562; James G. Gatto, Registration No. 32,594; Christopher C. Campbell, Registration No. 37,231, Hanry C. Su. Registration No. 37,738; Brian M. Buroker, Registration No. 39,129, Charles F. Hollis. Registration No. 40,650; Jonathan D. Link, Registration No. 41,548; Kevin J. Danleavy, Registration No. 32,024; Kevin T. Dartean, Registration No. 41,495, Charles B. Lubeanz, Registration No. 37,857; George Georgellis. Registration No. 43,532; Stephen T. Schreiner, Registration No. 43,097; Christophe. J. Cuneo, Registration No. 42,450; Raphael A. Valencia, Registration No. 43,216; Scott D Schreiner, Registration No. 35,436, Steven F. Klocineki, Registration No. 39,251; Yisun Song, Registration No. 44,487, Marthew J. Pryor. Registration No. 45,278; Jennée A. Albert, Registration No. 92,012; Xerry Owens, Registration No. 945,979.

All correspondence and telephone communications should be addressed to Hunton & Williams, 1900 K Street, N.W., Washington, D.C. 20008-1103, relephone number (202) 955-1500, which is also the address and telephone number of each of the space listed attorneys

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are politived to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are politically of the or impose among a port, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

\dnatwe	mintan	j Jakes	Date August 18,000
Full Name of	MIZUTANI	Takeo	
First inventor	Family Name	First Giren Name	Sekond Given Name
Rasidence	JAPAN		
Citizenship	JAPAN		
Post Office Address	1194-33, Haa Kanagawa 22	zawa-cho, Kanagawa-ku, 1-0863 JAPAN	Yokohama-shi,
Signature	Loge	<u> Lenji</u>	DATE August 18,2000
Full Name of	KOGE	Kenj i	
Sacond Inventor	l amily Name	First Given Name	Second Given Name
Residence	JAPAN		
Citizenship	JAPAN		
ost Office Aggress	12-9-201, E Kanagawa 24	ai 4-chome, Kamakura-s 7-0061 Japan	
Signature	Magai	Mukie	Date August 18, 2000
Full Name of	NAGAI	Yukie	
Third inventor	hamily Name	First Given Name	Second Given Name
Rexisance	JAPAN		
Citizenship	Japan		
Post Office Adgress	5-44, Enz Kanagawa	o 1-chome, Chigasaki-s 253-0084 Japan	hi,

HUNTON & WILLIAMS 1900 K Street, N.W., Suns 1200 Washington, D.C. 20006-1109 Tel. (202) 955-1500 off off in

Signature  MURAKAMI  Full Name of furbinventor  Family Name  Residence  JAPAN  Crizanship  JAPAN  Crizanship  Signature  III Name of Strike  III N							
Full Name of Surfame Furth Given Name Second Given Name  Residence JAPAN  Citizenchip JAPAN  Post Office Sangawa 247-0055 Japan  Signature Mawai Toshikazu  It Name of Fifth Inventor KAWAI I Second Given Name  Residence JAPAN  Citizenchip JAPAN  Post Office Address Kanagawa 247-0055 Japan  Signature Toshikazu  Fifth Inventor KAWAI Toshikazu  Fifth Inventor KAWAI First Given Name Second Given Name  Residence JAPAN  Citizenchip JAPAN  Post Office 5-1-304, Kobukuroya 2-chome, Kamakura-shi, Kanagawa 247-0055 Japan  Signature Mashimura Date August 18  Full Name of Sigh Inventor Full Name of Sigh Inventor First Given Name  Rasidence JAPAN  Citizenchip JAPAN  Citizenchip JAPAN  Citizenchip JAPAN  Signature Mashimura Date August 18  Full Name of Signature Second Given Name  Full Name of Signature Second Given Name  Full Name of Signature Second Given Name  Full Name of Second Given Name  Full Name of Shimizu Takeo  Second Given Name  Full Name of Shimizu Takeo  Second Given Name  Full Name of Shimizu Takeo  Second Given Name  Full Rame of Shimizu Takeo  Second Given Name  Second Given Name  Full Rame of Shimizu Takeo  Second Given Name  Full Rame of Second Given Name		Signature	Murakami	Hiroshi	Date	August	18,2000
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Post Office Address  Signature  MANAI  Signature		Residence	JAPAN				
Kanagawa 247-0055 Japan  Segnature		Citizanehip	JAPAN			_	
IN Name of Fifth Inventor RAWAI First Given Name Second Given Name  Residence JAPAN  Citizensimp JAPAN  Post Office 5-1-304, Kobukuroya 2-chome, Kamakura-shi, Kanagawa 247-0055 Japan  Signatura Law Hashimura Date Augus 7 18  Full Name of Signification JAPAN  Citizensimp JAPAN  Citizensimp JAPAN  Citizensimp JAPAN  Post Office JAPAN  Citizensimp Shimiya Takeo  Full Name of Shimizu Takeo	3	•	5-1-305, Ko Kanagawa 24	7-0055 Japan			•
Residence  JAPAN  Citizensthp  JAPAN  Post Office Address  KASHIMURA First Given Name  Second Given Name  Address  Kamakura-shi, Kamakura-shi, Kanagawa 247-0055 Japan  Signatura  Full Name of Second Given Name  Second Given Name  Full Name of Second Given Name  Second Given Name  Second Given Name  Furt Given Name  Second Given Name  Furt Given Name  Furt Given Name  Second Given Name  Furt Given Name  Second Given Name		Signature	Hanai	Joshikazu	Date	August 18	8,2000
Post Offices Address				100	5	Second Given Neme	÷
Full Name of three 22-3, Shinkamata 2-chome, Ota-ku, Tokyo 144-0054 Japan  Signature		Residence	JAPAN				
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Full Name of Signature  Full Name of Signature  Full Name of Second Given Name  Residence  JAPAN  Citizenship  JAPAN  Citizenship  JAPAN  Citizenship  JAPAN			5-1-304, K Kanagawa 2	obukuroya 2-chome, Ka 47-0055 Japan	makura-si	11,	
Sixth Inventor  Funity Name  First Given Name  Second Given Name  First Given Name  Second Given Name  Full Name of Shimizu  Full Name of Shimizu  Full Name  Second Given Name  Full Name  Second Given Name		Signatura	Jun	Kashimura	Date /	Angust 18	, 2000
Residence JAPAN  Crizenship JAPAN  Post Office 22-3, Shinkamata 2-chome, Ota-ku, Tokyo 144-0054 Japan  Signature Tokyo 144-0054 Japan  Full Name of Name of Name Shimizu Takeo Full Name of Name Frat Given Name Sacond Given Name  Rusidence JAPAN  Crizenship JAPAN  Crizenship JAPAN			KASHIMURA	Jun			
Chizenship Japan  Post Offices 22-3, Shinkamata 2-chome, Ota-ku, Tokyo 144-0054 Japan  Signature		Sixth Inventor	Family Name	First Given Name		Second Given Nam	18
Post Offices Tokyo 144-0054 Japan  Signature		<b>Krajdeučč</b>	JAPAN				•
Tokyo 144-0054 Japan  Signatura		Citizensnip	<b>~</b>				. •
Full Name of SHIMIZU Takeo Family Name First Given Name Sucond Given Na Rusidance JAPAN Citizentanip JAPAN  Citizentanip JAPAN			22-3, Shin Tokyo 144-0	kamata 2-chome, Ota-ki 1054 Japan			
Residence JAPAN  Conservation JAPAN  Conservation JAPAN		Signatura	- Shimiya	7akeo	<sup>r</sup> Pasa	August 1	8.2000
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2-27-501, 3549-3 Honmachida,		Residence	JAPAN				
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HUNTON & WILLIAMS 1900 K Street, N.W., Suite 1200 Waddington, D.C. 20006-1109 Tel· (202) 995-1500 Attorney Dacker No.

# JOINT DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As the below named inventors, we he reby decises that:

Our resournces, post office addresses and citizenship are as stated celow next to our names;

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is SOUGHT OR THE INVESTIGATION STATES HEVENTIVES FOR INTECTION, ANTI-ENCOUNTING AGENTS, VACCINE ADJUVANTS AND GROWIH PROMOTERS, the specification of which

was hier on  $\Box$ 

as Application Serial Number

and was

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(if applicable)

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any an endment reterred to in this declaration.

We acknowledge the duty to disclose all information known to us to be material to the patentability of this application, as defined in 37 CF.R \$ 1.50

We acknowledge the duty to disclose to the Office all information known to us to be material to perentability as defined in § 1.56. Which became available between the filing date of the prior application and the national or PCT international filing date of the Continuationin-part application.

#### Prior Foreign Application(s)

We hereby claim foreign priority bet etits under Tipe 35. United States Code, § 119 of any foreign application(s) for patent or inventor's descriptore listed pelow and have also identified polow any foreign application(s) for patent or inventor's certificate having a filling date before that or the application on which prionty is claimed

date before that or the application on which priority is carried				Priority Claimed Under	
	Country	Application Number	Date of Filing (day, month, year)		35 U.S.C. 119
	Japan	10-301745	09.10.1998		Yes M No 🗆
	Japan	11-35047	12.02.1999		

## Prior United States Provisional Application(s)

I hereby claim the panelit under Title 35. United States Code. § 179(a) of any United States provisional application(s) listed below

I neceby claim the penulit under Title 35, United States Code	, , , , , , , , , , , , , , , , , , , ,
Heleby Cram and	Date of Filing
Application Serial Number	(day, month, year)

## Prior United States Application(s)

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or PCT international filing date of the spring		
Application Serial Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abandoned
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Number P45,979; Devin S. Morgan, Registration No. P46,562; Andrew J. Rine, Registration No. P45,979.

All correspondence and relephone co-inhunications should be addressed to Hunton & Williams, 1900 K Street, N.W., Washington, D.C. 20006-1109, relephone number (202) 955-1500, which is also the address and telephone number of each of the above listed attorneys.

We negative declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are principable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patient issuing thereon.

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Signature	Seichi	Araki	Овте	25/08/2000
Full Name of	ARAKI Family Name	Seiichi First Given Name		Second Given Name
Rasidence	JAPAN			
Cizizenship	JAPAN		There	a le i
Post Office Address	1-35, Nagakuni 300-0810 Japan	dai, Tsuchiura-shi,		
Signature	Mamori	- Sujukir_	Date	8.24.2000
Full Name of Ninth Inventor	SUZUKI Lamity Name	Mamoru Firez Given Name		Second Given Name
Residence	JAPAN			
Citizonanib	JAPAN	_	<b>.</b>	a abi
Post Office Address	30-2-A101, Ma Ibaraki 305-0	tsushiro 1-chome, Ts 035 Japan	;ukuo	a-5111,
Signature			Date	
Full Name of Tenth Inventor	Family Name	First Given Name		Second Given Name
Residence				
Стгенейр				
Post Office Address				
		HUNTON & WILLIAMS	; 200	

HUNTON & WILLIAMS 1900 K Street, N.W., Suite 1200 Washington, D.C. 20006-1109 Tel: (202) 955-1500